

DH-101 Revisions : Sheet1

	A	B	C	D	E	F	G	H	I
1	Sources								
2		Hafler.com Manual	Paper Manual	The Audio Amateur Article					
3	Year	1978	1979	4/1980					
4	Document #	929001	929004	N/A					
5	Serial #	1812829	1941107	N/A					
6									
7									
8	DH-101 Differences						Silicon Equivalents		
9	Component	1978 Manual (929001)	1979 Manual (929001)				Original Device	Possible Alternates	Notes
10	R10	100Ω	47Ω				MPSA65	BC516, MPSW61, MPSA63, MPSA64	Darlington
11	R11	100Ω	47Ω				MPSA13	BC517, MPSW45, 2N6426, MPSA14	Darlington
12	R25	10kΩ	10kΩ +/- 2%				BC413C	BC549C, BC550C	
13	R26	1kΩ	1kΩ +/- 2%				BC415C	BC559C, BC560C	
14	Q1	MPS-A-18	BC413C						
15	Q2	MPS-A-6523	BC415C						
16	Q5	MPS-A-18	BC549C						
17	Q6	MPS-A-18	BC549C						
18	Q7	MPS-A-6523	BC559C						
19	Q8	MPS-A-6523	BC559C						
20	C21	.01μF 1000V Disc	.005μF 1000V Disc						
21	C22	.01μF 1000V Disc	No C22						
22	C23	.01μF 1000V Disc	.005μF 1000V Disc						
23	C28	.01μF 1000V Disc	No C28						
24	C30	No C30	220pF 1000v Disk						
25									
26	Notes								
27									
28	1. From 1978 to 1979 C1 was moved from PC4 (after the selection switch) directly to the input jacks of Phono 1. Since C1 was no longer switched between Phono 1 and Phono 2 C30 was added to the input of Phono 2.								
29	2. An article in "The Audio Amateur" dated 4/1980 states that Q1 & Q2 are matched for current gain and the current in the output stage of the phono section has been increased, hence the decrease of R10 and R11.								
30	3. The same article has a number of mods for improving performance. The RIAA improvements listed are from the article. Cout is an additional capacitor from the output node to ground.								
31									
32									
33	RIAA Equalization Mod								
34	Component	1979 Manual (929001)	TAA Article						
35	C5	470μF	940μF						
36	R9	10kΩ	90.9kΩ						
37	C7	0.027μF	0.024μF						